



# Evaluation of Transportation Projects in Northern Virginia Transportation District

October 17, 2013

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## Presentation Outline

- **Presentation Purpose**
- **Study Background**
- **VDOT's Framework for the Study**
- **Study Team and Coordination**
- **Study Tasks and Process**
- **Priorities For the Study (Action Item)**
- **Questions / Comments**

## Presentation Purpose

- Provide background on the study VDOT is required by legislation to conduct
- Outline the process and schedule for the study
- Obtain CTB approval of the proposed priorities for this study (*Resolution*)

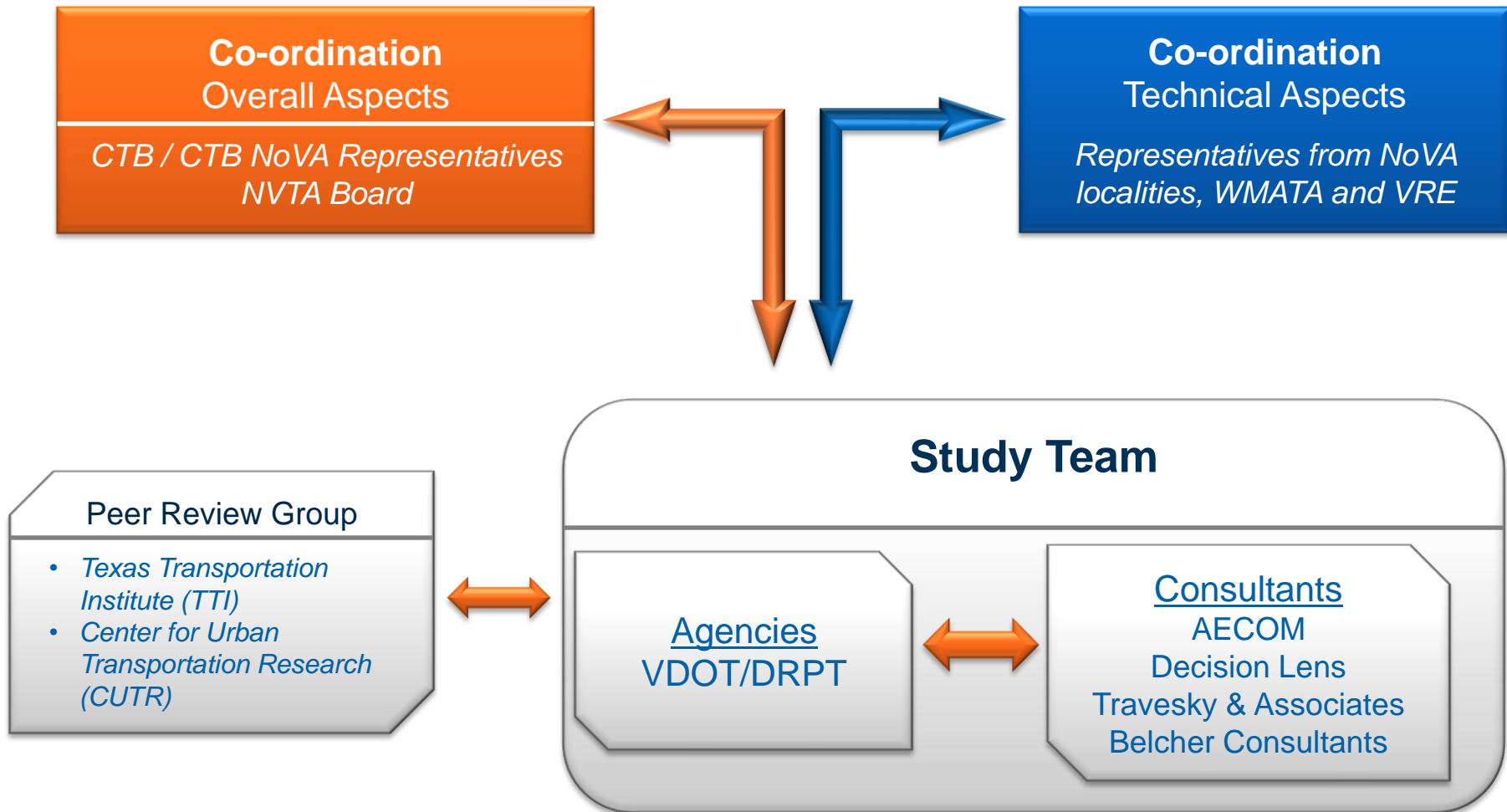
## Study Background

- ❑ July 2012 - HB 599/SB 531 became law  
( § 33.1-13.03:1; Chapters 768/825 of the 2012 VA Code)
- ❑ Law states that:
  - VDOT in ongoing coordination with the CTB, DRPT and the NVTa shall evaluate all significant transportation projects, including highway, transit and technology projects in and near Northern Virginia Transportation District
  - Evaluation shall provide an objective, quantitative rating for each project according to the degree to which the project is
    - Expected to reduce congestion, and
    - Improve regional mobility in the event of homeland security emergency
  - Evaluation shall rely on analytical techniques and transportation modeling
  - Publish the quantitative ratings on its website and update the study once every four years
  - Select at least 25 significant projects according to:
    - Priorities determined by the CTB in ongoing coordination with the NVTa
    - Without regard to the funding source of the project

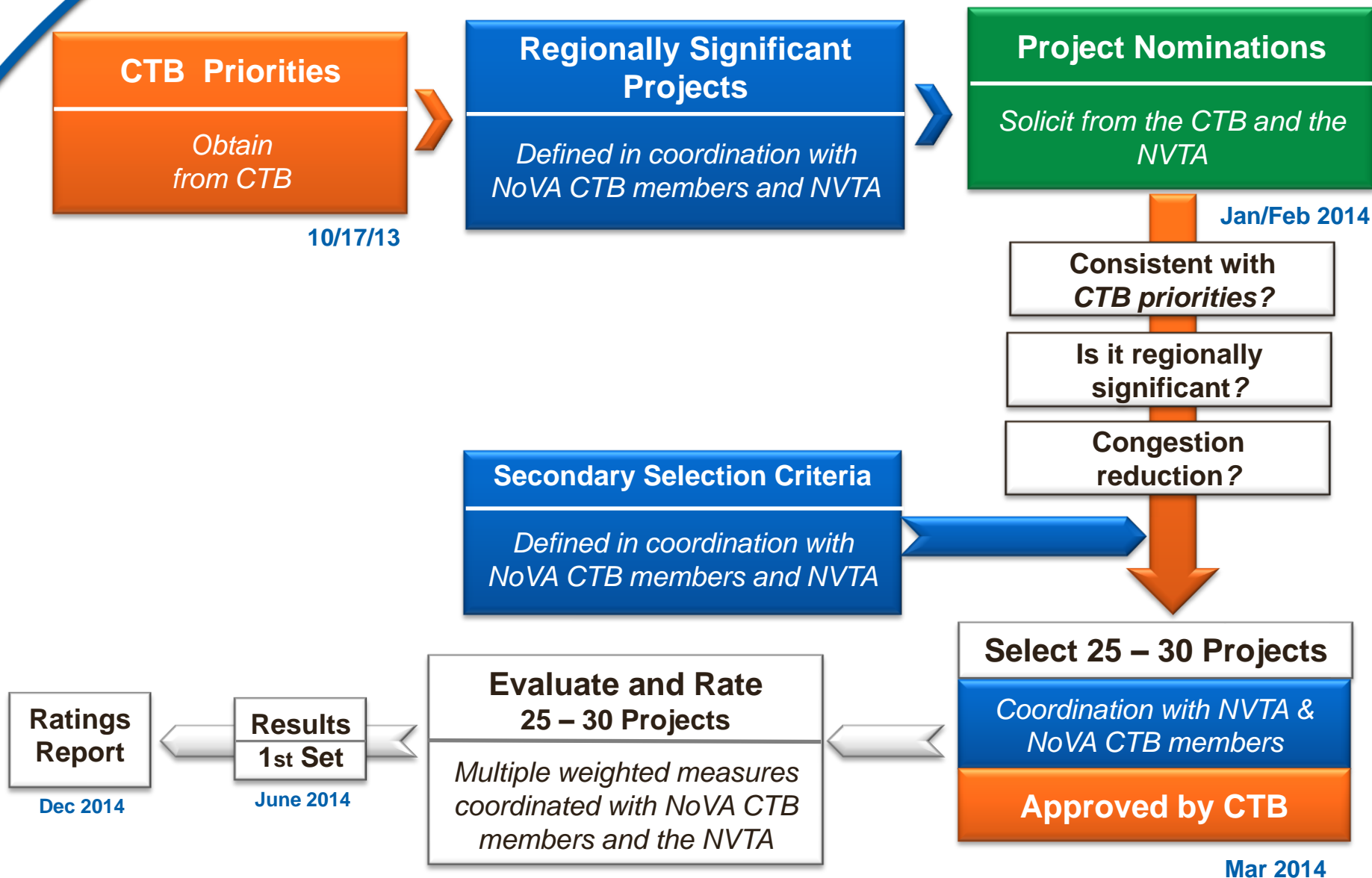
## Study Framework

- Full compliance with the law
- Cognizant of Legislative Intent
- Coordinated and Objective
- Rigorous Technical Approach
  - *Demand Modeling and Traffic Simulation; Quantitative Rating*
- Defensible (*Peer reviewed*) and Reusable Process
- Utility to all users (*CTB, NVTA, Others*)

# Study Team and Coordination



# Study Tasks and Process



# Study Priorities - VTrans 2035 Study

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1. Preserve and Enhance Statewide Mobility
  2. Increase Coordinated Safety and Security Planning
  3. Improve Safe Operations and Services
  4. Achieve State of Good Repair
  5. Improve the Interconnectivity of Regional and Activity Centers
  6. Reduce the Cost of Congestion to Virginia's Residents and Businesses
  7. Preserve and Optimize System Efficiency through Proactive Planning
  8. Promote Sustainable Methods of Planning, Design, Operations and Construction That are Sensitive to Environmental, Cultural and Community Resources
  9. Increase Travel Choices to Improve Quality of Life for Virginians
  10. Increase System Performance by Making Operational Improvements
  11. Advance Key Economic Drivers by Making Strategic Infrastructure Investments
  12. Expand Opportunities to Develop and Leverage funds
  13. Improve Cost-Effectiveness or Providing programs and Services





*Questions / Comments*

**THANKS!**

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CTB Overview

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